Prior to convening the Skill Standards Validation Committee, no Arizona standards for this program existed. The following standards were established by the committee.

STANDARD A DEMONSTRATE BUSINESS PRACTICES FOR A WOODWORKING BUSINESS	
1	Estimate supplies, materials and labor costs
2	Develop a materials order from a cut list and plan
3	Explain product quality standards
4	Manage customer relations
STANDARD B SAFE WOOD PRODUCTS MANUFACTURING	
1	Work safely in a woodworking shop
2	Maintain safe work attire and appearance
3	Wear appropriate personal protective equipment (e.g., eye protection, ear protection, impact hat, etc.)
4	Use equipment safety features correctly
5	Use proper lifting techniques
6	Examine health-related problems that may result from exposure to hazardous materials in the woodworking shop
7	Examine principles and methods of dust collection
8	Adhere to government regulations (e.g., OSHA, EPA, DNR) in the woodworking shop
9	Adhere to lockout / tagout rules and procedures
10	Handle, use and store materials according to MSDS sheets
11	Apply fire safety rules and procedures

STANDARD C -- PERFORMING BASIC CABINETMAKING SKILLS

1	Solve woodworking problems using basic math
2	Solve manufacturing and construction word problems
3	Calculate linear feet, square feet, and board feet
4	Tally accurately
5	Measure accurately
6	Lay out straight and angled cuts accurately
7	Convert standard and metric measurements
8	Check stock and/or assemblies for squareness.
9	Determine levelness and plumbness of surfaces, using a level.
10	Handle/store materials.
11	Recognize materials.
12	Maintain/make minor adjustments to hand tools.
STANDARD D PRACTICE SAFE AND EFFECTIVE USE OF HAND AND PORTABLE POWER TOOLS	
1	Use steel rules/tapes, marking gauges and T-bevels correctly
2	Utilize planes and cabinet scrapers to smooth surfaces
3	Utilize wood chisels to notch or mortise stock
4	Drive and set nails and screws
5	Fasten materials using a pneumatic stapler or nailer
6	Utilize a circular saw to make straight, beveled and compound angle cuts

7	Utilize a sabre/jig saw to plunge/cut curves
8	Drill holes with a portable power drill
9	Utilize a power drill to bore holes to a specified depth
10	Create pocket screwed joints using a drill with jig
11	Utilize a router to shape edges and cut a groove, dado and rabbet
12	Utilize a router with a dovetail jig
13	Utilize plate and biscuit joiners for square and angled joints
14	Utilize a sander for roughing and finishing
15	Clean and maintain hand and portable power tools
16	Utilize a belt sander and grinder to scribe cut a product
STANDARD E PRACTICE SAFE AND EFFECTIVE USE OF STATIONARY WOODWORKING MACHINES	
1	Utilize a table saw to make rip, cross, miter, bevel and groove cuts
2	Change and set up blades on a table saw
3	Utilize a radial saw to make cross, miter and compound angle cuts
4	Change blade and adjust squareness of a radial saw
5	Cut vertical with a panel saw
6	Change blade on a panel saw
7	Cut arcs and circles with a band saw
8	Set up, adjust and bore using a drill press

9	Utilize a jointer to square, bevel, chamfer, or flatten stock
10	Utilize a router in a router table
11	Utilize a surfacer to plane and smooth surfaces
12	Create edges and curves utilizing a shaper with a fence, collar or dead stop
13	Utilize a power feed unit with a table saw, shaper or jointer
14	Utilize a bench morticer
15	Finish edges using an edge bander
16	Set up and utilize a lathe for woodturning
STANDARD F EXAMINE COMPUTERS AND COMPUTER-CONTROLED EQUIPMENT IN WOODWORKING	
1	Find information on (Computer Aided Drafting and Design) CADD drawings
2	Investigate (Computer Aided Manufacturing) CAM software for programming Computer Numerical Control (CNC) manufacturing equipment
3	Explore CNC equipment and equipment operations
4	Demonstrate CNC equipment operation (actual or simulated)
5	Enter CNC programs and run a machine to produce a part
6	Explore the application of 3-dimensional technology in woodworking

STANDARD G INTERPRET PLANS AND PRINTS	
1	Extract information from plans and specifications
2	Read and interpret a floorplan

3	Verify design plans with field measurements
4	Interpret a cut sheet
5	Create a material list
6	Specify wood stock for compatibility of grain and color
7	Construct and install wood products from plans
STANDARD H CUT AND SHAPE STOCK	
1	Mill rough lumber to create S4S stock
2	Cut panelized materials to size and shape
3	Manufacture woodturnings
4	Manufacture wood moldings
5	Re-saw wood parts when required
STANDARD I USE WOOD VENEERS	
1	Cut and edge veneer for joining
2	Join veneer sheets with glue and tape
3	Use and machine wood panel products (i.e., particle board, MDF)
4	Apply veneer with appropriate adhesive using a platen or vacuum press
5	Trim excess veneer
6	Prepare veneer surface for finishing

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STANDARD J DEMONSTRATE PRINCIPLES OF JOINERY	
1	Explain the purpose and appropriate applications of common joints
2	Layout and make butt joints using dowels, screws, biscuits, and/or pocket screws
3	Layout and make a dado joint
4	Layout and make a rabbet joint
5	Layout and make a half-lap joint
6	Layout and make a miter joint
7	Layout and make a tongue and groove joint
8	Layout and make a mortise and tenon joint
9	Layout and make a dovetail joint
10	Layout and make a finger joint
STAND	ARD K ASSEMBLE WOOD PRODUCTS USING FASTENERS, ADHESIVES AND HARDWARE
1	Explain the purpose and appropriate applications of common fasteners
2	Use various fasteners and Ready To Assemble (RTA) connectors in manufacturing a wood product
3	Explain the purpose and appropriate applications of common woodworking adhesives
4	Use adhesives appropriate to the application
5	Apply clamping devices.
6	Assemble drawer components.

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7	Use fasteners and levelers to install products
8	Fasten stock with metal fasteners (for example, nails, screws, staples, and other mechanical fastners).
9	Glue boards edge to edge.
10	Construct case/box.
11	Assemble panel doors.
12	Attach molding/trim.
13	Fasten top to casework.
14	Intall cabinet hardware.
15	Reinforce joints with block.
STANDARD L APPLY WOOD VENEERS AND PLASTIC LAMINATES	
1	Cut laminates with appropriate saw blades and router bits
2	Seam two pieces of laminate
3	Apply adhesive.
4	Apply edge banding.
5	Apply laminate to core.
6	Apply wood edges.
7	Cut plastic to size.
8	Fit plastic laminate joints.
9	Trim edges.

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10	Machine/fabricate solid surface materials.
STANDARD M DEMONSTRATE FINISHING MATERIALS AND PROCESSES	
1	Explain the purpose and appropriate applications of various types of finishes and finishing processes
2	Follow a finish schedule
3	Apply filler to a wood surface
4	Apply a wash coat to a wood surface
5	Apply a seal coat to a wood surface
6	Select and use appropriate abrasive types and grit sizes
7	Stain a wood surface
8	Apply clear coating finishes to wood surfaces
9	Apply pigmented finishes to wood surfaces
10	Apply safe and approved (OSHA, EPA, DNR) methods for cleaning finishing tools
11	Remove excess glue.
12	Swell dents.
13	Repair blemishes/touch up finishes.
14	Select finishing materials for compatibility.

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